## MINUTES OF THE SPRINGVILLE CITY WATER BOARD

Tuesday, March 8, 2016 6:30 a.m. 110 South Main Street Springville, Utah 84663

## **ATTENDANCE**

Councilmember Richard Child Secretary Marcie Clark

**Board Members** 

Alton Beck
Nile Hatch - excused
Calvin Crandall -excused
Rollin Hotchkiss
Rod Andrew

City Staff

Brad Stapley – Public Works Director Shawn Barker – Water Superintendent

The minutes from the February 9, 2016 meetings were reviewed. Mr. Stapley made a clarification to the minutes – line 16. We need four million gallons of storage, which will probably mean two 2-million gallon tanks on the east bench of Springville. Mr. Beck made the motion to approve the amended minutes. Mr. Andrew seconded. All were in favor.

Cl. Child reported that he has some names to suggest to the Mayor for the Water Board, but he has been out of town for two weeks.

Mr. Barker gave an update on Burt Springs. The State is the only one that will administer the microscopic particulate analysis test. We're waiting for a peak in stream flows before they do that. The snow pack is around 90%. The City has ordered a turbity meter, but takes about 6 weeks to build. Once we get that, we will monitor turbity on our own.

Mr. Stapley mentioned that he will be meeting today with Teresa Wilhemson from the State and Brian Andrew, from Hansen, Allen & Luce Engineers, who has been working with the City on water rights. Our right to use Bartholomew Springs is limited to 664 gpm, or close to it. The City is looking for ways to move water rights up Hobble Creek Canyon from Highline Ditch. We had considered piping the ditch, but we started thinking "outside of the box". We're thinking about abandoning the Highline Ditch, since all those users have culinary water. We could then move that water and move it back up to Bartholomew Springs. Cl. Child predicted a lot of upset people if we do that. Mr. Beck asked if the City is subsidizing the Highline Ditch. Mr. Barker stated that the City doesn't do much other than pay for a Water Master. Without looking at the numbers, Mr. Barker said he can't really answer that question. Mr. Hotchkiss asked what the fate of the Highline Ditch will be if the water rights are transferred up to Bartholomew Springs. Mr. Barker replied that the upper section will still be needed to get to the Bartholomew Pond. Mr. Stapley displayed a map, showing where the Highline Ditch is and what part of it he would like to discontinue. There are only about 60 users, with around 700 acre feet. Mr. Hotchkiss asked about a strip of trees along the east bench – he wondered if those were being watered by the Highline Ditch. Mr. Stapley stated that they might be, just like the trees being watered by the Konold Springs water line. Mr. Beck asked about the large fields that are using Highline Ditch water. Mr. Stapley also considered limiting their use. There are also some users below Canyon Road that use Highline Ditch water. Mr. Barker would like to install a meter at the end of the ditch to monitor how much water is being wasted. Mr. Andrew brought up the Plat "A" meeting last year and how much emotion there was from the users. Cl. Child stated that the Highline Ditch users will have just as much emotion. Mr. Stapley reassured the Board that he won't make any changes without notice to the residents. Cl. Child asked about the Hobble Creek Canyon users. Mr. Barker responded - 1) if the tank overflows and makes it to the Bartholomew stream bed, water doesn't make it down to Hobble Creek. It seeps into the ground. Secondly, the Power Department has the right to draw more water than we have the right to use for drinking. That's why we bring it down to the Hydro at Rotary

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 Tank. Mr. Stapley stated that he has to stay as a third party and look at the City as a whole. He wants to check with the State to see if this concept will even work.

Mr. Stapley mentioned that the new tank that will replace Bartholomew Tank will be smaller than the current one. It was designed to bring water quickly down the canyon. It is oversized for the number of users on it. Instead of 1.4 million gallons, the new tank would only hold 500,000 gallons.

Mr. Stapley displayed the 5-year Capital Improvement Plan on the screen, showing the different categories such as spring collection fences, Bartholomew Tank replacement, 400 South Well, Lower Spring Creek Tank coating, Center Street service replacements, Flowserve pipe replacement, Bartholomew Pond aeration, Smith's 1200 West, etc. The bottom line is about \$1.8 million each year. Bruce Riddle, Finance Director gave us a target of \$1.5 million a year. We're at about a \$300,000 deficit per year, which is about a \$2.78 per month raise per customer. Mr. Stapley explained that we have pretty good numbers now to defend a rate increase. The penstocks are not in the formula - they're about 25-34 years out. We keep kicking that can down the road. Another issue with the penstock is if we can't move water up the canyon to Bartholomew at 600 gpm, is it worth \$15 million dollars? Mr. Stapley stated that he plans to go to the Power Department to ask them to help pay for it, since they use it. Mr. Beck mentioned that the average citizen has no idea how much it takes to supply them water. We need to educate them somehow. Mr. Stapley stated that our base rate now is \$11/month, which is about 50% lower than most surrounding cities. Adding a \$3.00 increase will be about 30%. Another big issue is source capacity. And we may be losing a water source in Burt Springs, depending on the State's test results. We will still need another well.

According to what Mr. Barker is showing in his future projects, we need an increase of about \$3.00 a month to stay consistent. Cl. Child agreed.

Mr. Stapley mentioned that we can only have so many wells, based on a ground water study that has been done. We have a cap on how many acre feet we can pull from the wells. It is stated in the Master Plan.

Mr. Stapley reviewed the aging water pipelines. Our biggest problem is the \$12 million to replace pipes that are 50+ years old. Mr. Stapley reviewed Mr. Barker's spreadsheet that shows pipelines by decade. Some pipes are approaching 100 years old. There weren't many pipes built during the Depression. There was brief discussion on types of pipe and how long they last.

Mr. Hotchkiss asked about the removal of dams along Hobble Creek, beginning down low and moving up to the Swenson Dam. Mr. Stapley stated that there is currently a design going on at Swenson Dam from CUP that will be constructed this summer. Mr. Hotchkiss asked about having a booth at Art City Days to educate the residents and possibly offer tours up to Bartholomew Tank and other water facilities. Mr. Stapley said that would be possible. Mr. Beck stated that education will help residents understand why we need to raise the base rate. Mr. Stapley stated he is always informing City Council about possible water projects. Mr. Hotchkiss expressed concern that Mr. Stapley isn't using discount rates as he projects in the future. Mr. Stapley explained that any money the Water Department doesn't spend goes back into his fund.

Mr. Andrew expressed concern about the pipelines around Nestle, which are in hot soils and the life span is only 30 years. Mr. Barker said he is aware of that. His crews are still looking at the Industrial Park pipes.

Mr. Andrew moved to adjourn. Mr. Beck seconded. All were in favor.

**Adjourn** – This meeting adjourned at 7:33 a.m.

Next month we can talk about Plat A Irrigation; the Strawberry Water fee dropped off the fee schedule and the City is subsidizing them even more.